Technical handling.

Handling the camera

Loading - Set the release to stop
Set disengaging lever to MOT
Set the film Speed
Wind the motor
Insert Film - trim - feed - locate - test run
Set the audible signal, (clicks 1 second at 24 fps) close
Footage counter run to zero
Set frame counter to zero
Adjust the view finder
Closing the view finder, light leaking
Attaching the lens
Assemble the tripod and attach camera
framing TV cut off?
focusing
Inserting a filter? Daylight 5600 Kelvin - Tungsten 3600 Kelvin's
Film stock is 7293 200ASA Tungsten Therefore outside use the wratten 85
allow a filter factor e.g. Wratten 85 loses 2/3 stop (always filter holder)
Set Light meter Minolta
Set ASA (calibrated in 1/3 stop increments)
Set Time to 1/50 sec (comes after 30 mins)
Re set ASA one increment slower (1/3 to allow for 25% loss through the prism on Bolex)
Take an Incident light reading from the subject towards camera
setting the Iris/aperture (Allowing for filter)
Check for variable shutter indicator through the view finder
Shoot!
Unload using spool ejector (Subdued light)

<u>Special FX</u>
Disengage MOT
Hand cranking handled back or forward fades or dissolves
Vary shutter angle for FX

Panning : Allow object 5 sec's to cross frame to avoid strobing.

Flag any extraneous light from the front of lens.
Always find a base for equipment to work from be organised.

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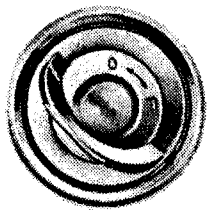
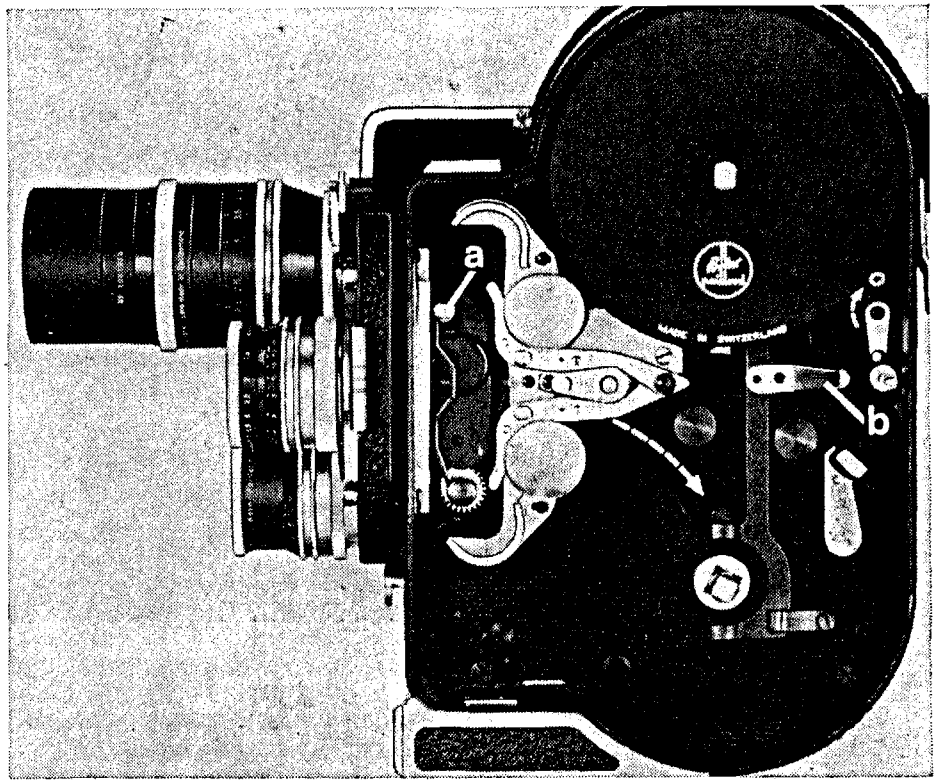
Loading Film.

Inserting the film



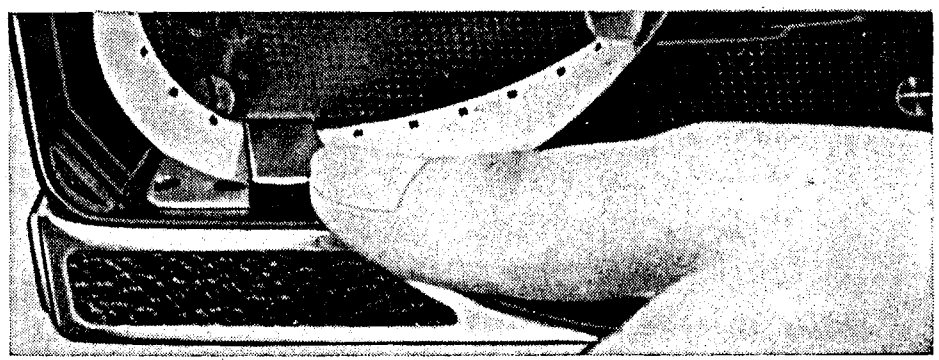
Lift the lid opening ring, turn it in the direction marked by the arrow O, then lift off the lid. The inside of the camera is as shown in the illustration.

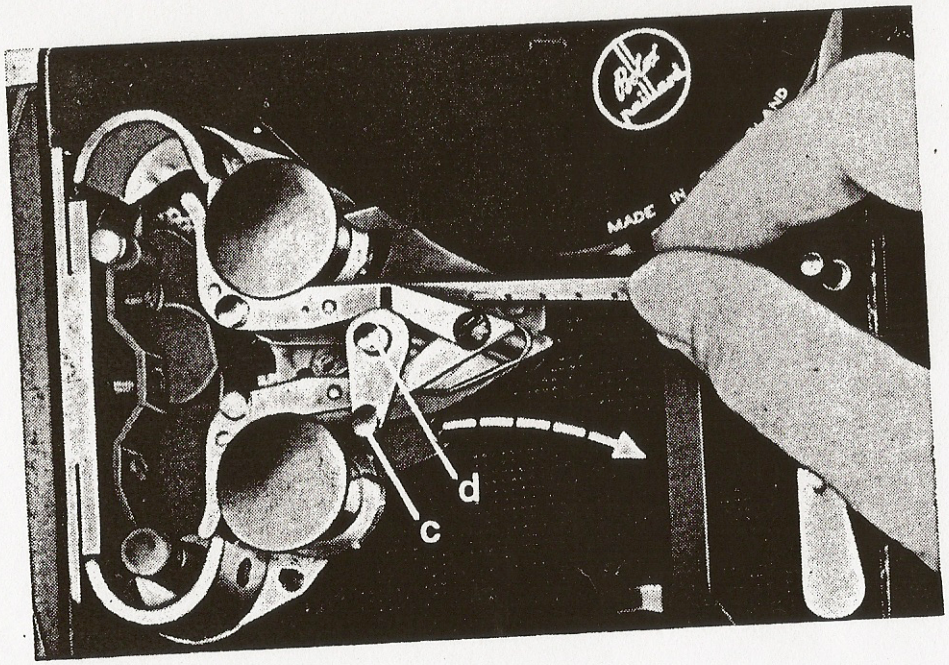


Prepare to load the film as follows:

1. Check that the pressure pad pin (a) is locked and that the pressure pad cannot open.
2. Remove the empty spool from its spindle by pressing ejector (b) and place the spool holding the film on the upper spool shaft (film should run in the direction indicated by the engraved arrow).

   In the film gate, the dark, shiny side of the film (the backing) should face towards the back of the camera and the light matt side (sensitized) towards the lens.
3. Using the film knife, cut off the end of the film diagonally between two perforations, as shown in the illustration. Remember to remove the piece which has been cut off.
4. Close the loop formers by moving the control lever parallel to the pressure pad.

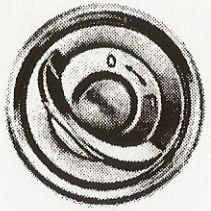




5. Press the release while simultaneously pushing the end of the film against the sprocket (illustration opposite). **The film is automatically threaded into the camera.**
6. Continue to depress the release until 10 to 12" of film have passed through the drive mechanism.
7. Open the loop formers by pressing knob (d). (If you accidentally leave them closed, they will automatically open when the camera lid is replaced.)
8. Insert the end of the film into the slot in the core of the take-up spool. Rotate until about three turns of film have been taken up and place the spool on the lower spool shaft.
9. Turn the take-up spool by hand, clockwise, to take up any slack film.

Final check. Press the release and run the camera for several seconds to ensure that the film advancing normally and the loops at either end of the film gate are forming correctly.
Replace the lid and lock it by turning the ring in the direction indicated by the arrow F. If it does not lock, do not force the ring! The spools or the pressure pad may be incorrectly positioned.
Finally, press the release until the film leader has been taken up. The camera is now ready for use (see following pages).

Inserting the film



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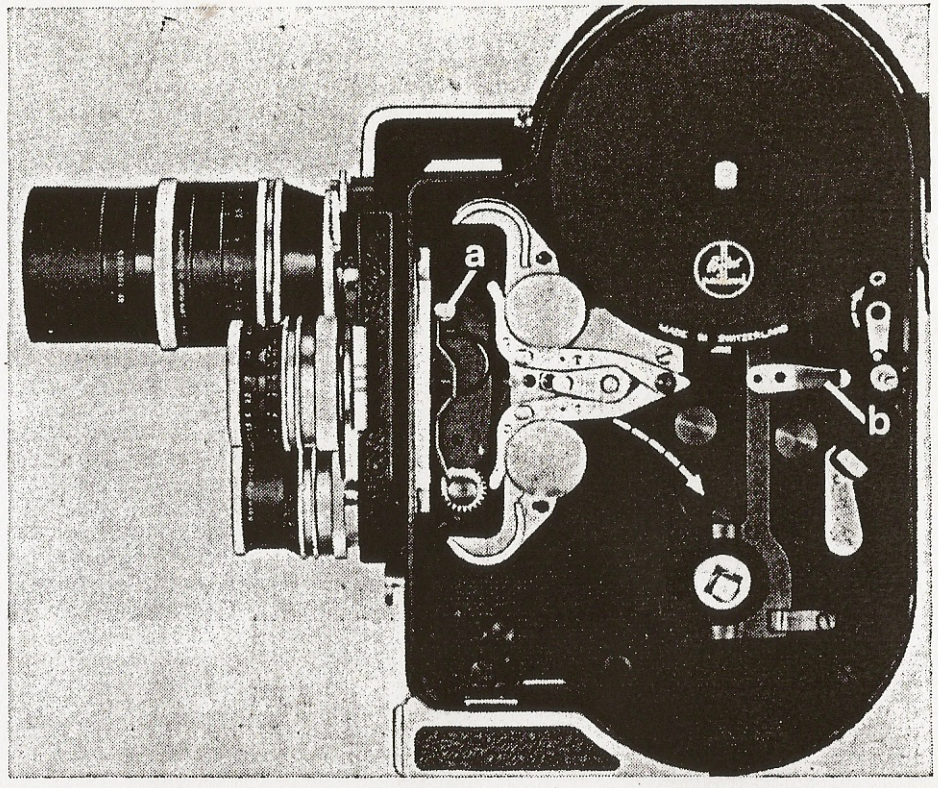

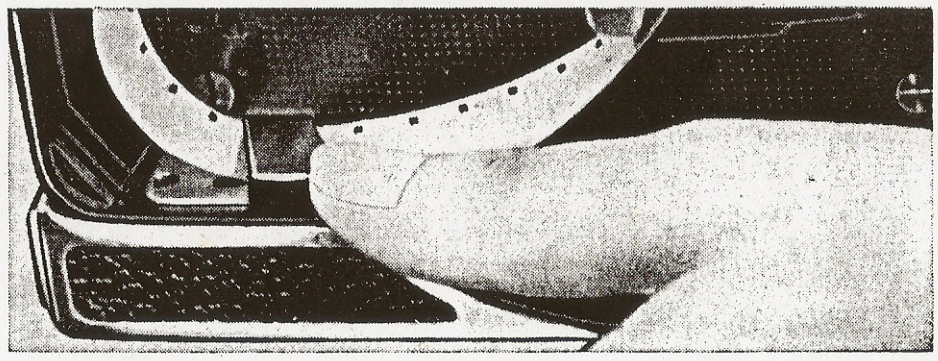

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4. Close the loop formers by moving the control lever parallel to the pressure pad.